

PORTÉGÉ™ R930-06Y

Model: Portege R930 PT331C-06Y044 3rd Generation Intel® Core™ i5-3320M vPro™ processor – 2.60GHz/3.30GHz, Windows® 7 Professional with Windows® 8 Professional Upgrade Disc, 13.3" HD TFT, 4GB DDR3, 128GB SSD, Intel HD 4000 Graphics, DVD Super-Multi Double Layer, LAN, 802.11a/g/n Wireless, Bluetooth	Intel® HD Graphics 4000 up to 1424MB (32bit OS) or up to 1696MB (64bit OS) dynamically allocated shared graphics memory with 4GB of system memory.	Dimensions: 107.0 (W) x 30.5 (H) x 47.0 (D) mm Weight: 250g
Processor	Sound System	Battery
3rd Generation Intel® Core™ i5-3320M vPro™ processor (2.60GHz/3.30GHz, 3MB Intel® Smart Cache) with Intel® Turbo Boost Technology 2.0, Intel® Hyper-Threading Technology and Intel® Virtualization Technology.	Realtek ALC268-GR Software Sound, High Definition Audio Link, Built-in stereo speakers	Battery Type: Removable, Rechargeable 6-cell Lithium Ion (Li-ion) 10.8V X 66Wh capacity Battery Life: up to 9.0 hours (Mobile Mark) Dimensions: (WxHxD) 206 x 43.6 x 20.0 mm
Operating System	Communication	BIOS
Windows® 7 Professional with Windows® 8 Professional Upgrade Disc	10/100/1000bps Integrated Ethernet LAN + AMT 8.0 (Wake on Lan) Intel 802.11 a/g/n Wireless LAN Integrated 1.3MP Web Camera Bluetooth v4.0	TSETUP support, ACPI support, VESA support, SM BIOS support, PCI BIOS Support, Computrace BIOS Support, WMI Support, Panel Open-Power On
Key Features	Expansion	TOSHIBA EasyGuard™
Toshiba Solid State Drive Technology Toshiba Smart Client Manager Docking Station Connector TPM/Fingerprint reader Intel vPro and AMT technology Full sized spill resistant keyboard Integrated 1.3MP Webcam Toshiba EasyGuard feature set HDMI Connector Widi Capable Thin and Light design (3.21 lbs) w/ ODD	1 Express Card Slot	Secure
Memory	Ports: SD Card Slot (Secure Digital), RGB, 2 x USB3.0, 1 x eSATA/USB2.0, RJ45 (LAN), Headphone, Microphone, HDMI, Docking Connector Supported via Toshiba Hi-Speed Port Replicator II: USB2.0 x 4, USB3.0 x 2, 10M/100M/1000M Gigabit LAN x1, VGA x1, Headphone, Microphone, Serial x1, Display Port x 1, HDMI x 1 Supported via Dynadock U3.0: DVI-I x1, Audio In/Out, 2X USB 2.0, 4X USB 3.0, HDMI output	Toshiba Multiple Level Password Utilities Toshiba Reinforced Security Cable Lock Slot Execute Disable Bit (XD-Bit) Trusted Platform Module (TPM v1.2) BIOS BitLocker Drive Encryption Support Fingerprint Reader (includes software for password and identity management) BIOS Computrace™ Support
Standard Memory: 4GB DDR3 (1600MHz) Slot1: 4GB DDR3 (1600MHz) Slot2: None Maximum Memory: 8GB DDR3 Expansion Modules: 1GB, 2GB, or 4GB DDR3	Keyboard	Protect
Chipset	Canadian Bilingual (English/French) Keyboard Full sized 87 keys with 13 function keys Spill Resistant keyboard Color: (Black)	Halt Tested Design Toshiba Spill-resistant Keyboard Toshiba Shock Absorbing Design Toshiba Hard Disk Drive Protection HDD Shock Absorber HDD Impact Sensor Toshiba PC Diagnostic Tool Toshiba PC Health Monitor
Intel QM77	Pointing Device	Connect
Hard Disk Drive	Touch PAD with Gesture Control	Toshiba ConfigFree™ Toshiba Diversity Antenna Toshiba Bluetooth® Stack Wireless Communication On/Off
128GB S-ATA Solid State Drive	Additional Software	Optimize
Optical Drive	Toshiba Value Added Package Toshiba Media Player by sMedia Truelink+ Intel® App Up center Amazon Adobe Reader X Evernote Splashtop Streamer and Client Norton Internet Security™ – trial Norton Online Backup WildTangent® Microsoft® Office Starter 2010: reduced-functionality Word® and Excel® only, with advertising. No Powerpoint® or Outlook®	Environmental Specifications
Built-in DVD Super-Multi Double Layer Drive functions: Read: CD-ROM (24x), DVD-ROM (8x), Write: CD-R (24x), CD-RW (4x), DVD-R (8x), DVD-R DL (6x), DVD-RW (6x), DVD+R (8x), DVD+R DL (6x) DVD+RW (8x), DVD-RAM (5x)	Physical Dimensions	Temperature: Operating 5° to 35°C (41° to 95°F); Non Operating –20° to 65°C (-4° to 149°F) Thermal Gradient: Operating 15° C per hr. max; Non Operating 20° C per hr. max Relative Humidity: Operating 20% to 80% non-condensing; Non-Operating: 10% to 90% non-condensing Altitude (relative to sea level): Operating: -60 to 3,000m.; Non-Operating: -60 to 10,000m. Shock: Operating: 10G; Non-Operating 60G Vibration: Operating 0.5G, 0.25G; Non-Operating: 1G
Display System	Dimensions: (WxDxH) 316 x 227 x 18.3/26.6 mm Weight: 1.45kg (3.19lbs) Color: Graphite Black Metallic	Environmental Credentials
Type: 16:9 TFT Active Matrix colour LCD display with LED backlight Size (diagonal): 13.3" HD Native LCD Panel Resolution: 1366x768x16.7 million colours External Support and Max. Colour Support (dependant on CRT): Up to 2,048 x 1536 x 16.7 million colours	AC Adapter	Energy Star 5.0 RoHS EPEAT Gold
Graphics Controller	65W external Universal AC adaptor input voltage (100 –240V 50/60Hz frequency), (19Vx3.42A)	Canada and International Limited Warranty

This Portege notebook comes with a three (3) year parts and labour Limited International Warranty. Note the original battery is warranted for one year from date of purchase. Pre-installed software is excluded from TCL standard limited warranty. For complete details on this warranty program and other Warranty Programs such as On-site and Next Business Day Service visit www.toshiba.ca/warranty

Accessories

PA3840C-1ETB Toshiba Topload Case – up to 16"
PA3714C-1AC3 65W Universal AC Adaptor
PA3929U-1BRS 6 Cell Battery Pack
PA3930U-1BRS 9 Cell Battery Pack
PA3844C-1ERB 2.4Ghz Wireless Optical Mouse
PA3916C-1PRP Hi-Speed Port Replicator 2
PA3927C-1PRP Dynadock U3.0 USB Docking Station
KTT-S3C/4G 4GB 1600MHz RAM
KTT-S3C/8G 8GB 1600MHz RAM
PA3923C-2LC3 Toshiba 14" USB-powered Mobile Monitor
ACC233 13.3" Widescreen Laptop Privacy Screen (16:9)

Part Number/UPC code

PT331C-06Y044 / 6-23506-03505-7

high-precision technology. Any small bright dots that may appear on your display are an intrinsic characteristic of the TFT manufacturing technology.

LCD: Over a period of time, and depending on the usage of the computer, the brightness of the LCD screen will deteriorate. This is an intrinsic characteristic of LCD technology. Maximum brightness is only available when operating in AC power mode. Screen will dim when the computer is operated on battery power and you may not be able to increase the brightness of the screen.

Weight: Weight may vary depending on actual configuration.

Battery: Battery life may vary considerably depending on product model, configuration, applications, power management settings and features utilized, as well as the natural performance variations produced by the design of individual components. Published battery life numbers are achieved on select models and configurations tested by Toshiba at the time of publication. Recharge time varies depending on usage. Battery may not charge while computer is consuming full power. After a period of time, the battery will lose its ability to perform at maximum capacity and will need to be replaced. This is normal for all batteries. To purchase a new battery pack, see the accessories information that shipped with your computer or visit the Toshiba of Canada website at toshiba.ca/accessories

Software: The included additional software is subject to change without notice. No substitution of software permitted. For further information please visit toshiba.ca/support

Subject to Change:

While Toshiba has made every effort at the time of publication to ensure the accuracy of the information provided herein, product specifications, configurations, prices, system/component/options availability are all subject to change without notice. For the most up-to-date product information about your computer, or to stay current with the various computer software or hardware options, visit Toshiba's website at toshiba.ca/support

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Central Processing Unit ("CPU" Performance Disclaimer:

CPU performance in your computer product may vary from specifications under the following conditions:

- use of certain external peripheral products
- use of battery power instead of AC power
- use of certain multimedia games or videos with special effects
- use of standard telephone lines or low speed network connections
- use of complex modeling software, such as high end computer aided design applications
- use of computer in areas with low air pressure (high altitude >1,000 meters or >3,280 feet above sea level)
- use of computer at temperatures outside the range of 5°C to 35°C (41°F to 95°F) or > 25°C (77°F) at high altitude (all temperature references are approximate).

CPU performance may also vary from specifications due to design configuration. Under some conditions, your computer product may automatically shutdown. This is a normal protective feature designed to reduce the risk of lost data or damage to the product when used outside recommended conditions. To avoid risk of lost data, always make back-up copies of data by periodically storing it on an external storage medium. For optimum performance, use your computer product only under recommended conditions. Read additional restrictions under "Environmental Conditions" in your product Resource Guide. Contact Toshiba Technical Support for more information.

Hard Disk Drive Disclaimer: 1 Gigabyte (GB) means 1,000,000,000 bytes using powers of 10. The computer operating system, however, reports storage capacity using powers of 2 for the definition of 1 GB = 1,073,741,824 bytes, and therefore shows less storage capacity. Available storage capacity will also be less if the product includes pre-installed operating system and/or application software. Actual formatted capacity may vary.

GPU: Graphics processor unit ("GPU") performance may vary depending on product model, design configuration, applications, power management settings and features utilized. GPU performance is only optimized when operating in AC power mode and may decrease considerably when operating in battery power mode.

Memory: Part of the main system memory may be used by the graphics system for graphics performance and therefore reduce the amount of main system memory available for other computing activities. The amount of main system memory allocated to support graphics may vary depending on the graphics system, applications utilized, system memory size and other factors. For PC's configured with 4 GB of system memory, the full system memory space for computing activities will be considerably less and will vary by model and system configuration.

TFT Display Disclaimer: Small bright dots may appear on your TFT display when you turn on your PC. Your display contains an extremely large number of thin-film transistors (TFT) and is manufactured using